

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A data carrier for contactless communication with a base station by means of an electromagnetic field generated by the base station, having an antenna coil connected to a first coil terminal and to a second coil terminal, in which antenna coil an antenna signal can be induced in operation by the electromagnetic field, and having modulation means for modulating the electromagnetic field, during successive load periods and off-load periods, with transmission data to be communicated to the base station, the electromagnetic field being load-modulated during the load periods by modifying the value of the impedance of a modulation load that is connected at least indirectly to the first coil terminal and the second coil terminal, and having detection means for detecting an item of energy information that characterizes the energy content of the antenna signal, and having comparator means for comparing the detected item of energy information that characterizes the energy content of the antenna signal ~~detected~~ with a preset item of energy information and for emitting an item of comparison information that gives the distance at which the data carrier is situated from the base station and having modification means for modifying the ratio of the duration of the load period to the duration of the succeeding off-load period as a function of the item of comparison information that gives the distance at which the data carrier is situated from the base station;

 wherein the modulation means are designed to modulate the electromagnetic field with a subcarrier signal, the sum of the duration of the load period and the duration of the succeeding off-load period corresponding to the length of one cycle of the subcarrier signal and wherein the ratio of the duration of the load period to the duration of the succeeding off-load period is modified such that the sum of the

duration of the load period and the duration of the off-load period is kept constant and equal to the length of one cycle of the subcarrier signal.

2. (previously presented) A data carrier as claimed in claim 1, wherein the modification means are designed to increase the ratio of the duration of the load period to the duration of the succeeding off-load period if the item of comparison information characterizes an item of energy information that has been detected that exceeds the preset item of energy information.

3. (previously presented) A data carrier as claimed in claim 1, wherein the modification means are designed for the stepless modification of the ratio of the duration of the load period to the duration of the succeeding off-load period.

4. (canceled)

5. (previously presented) A data carrier as claimed in claim 1, wherein, to detect the energy content of the antenna signal, the detection means are designed to determine the coil voltage arising between the first and second coil terminals.

6. (previously presented) A data carrier as claimed in claim 1, wherein, to detect the energy content of the antenna signal, the detecting means are designed to determine a bleed current through a regulator stage.

7. (currently amended) An integrated circuit of a data carrier for contactless communication with a base station by means of an electromagnetic field generated by the base station, having a first coil terminal and a second coil terminal, to which an antenna coil can be connected, in which antenna coil an antenna signal can be induced in operation by the electromagnetic field, and having modulation means for modulating the electromagnetic field, during successive load periods and off-load periods, with transmission data to be communicated to the base station, the electromagnetic field being load-modulated during the load periods by modifying the value of the impedance of a

modulation load that is connected at least indirectly to the first coil terminal and the second coil terminal, and having detection means for detecting an item of energy information that characterizes the energy content of the antenna signal, and having comparator means for comparing the detected item of energy information that characterizes the energy content of the antenna signal ~~detected~~ with a preset item of energy information and for emitting an item of comparison information that gives the distance at which the data carrier is situated from the base station, and having modification means for modifying the ratio of the duration of the load period to the duration of the succeeding off-load period as a function of the item of comparison information that gives the distance at which the data carrier is situated from the base station;

wherein the modulation means are designed to modulate the electromagnetic field with a subcarrier signal, the sum of the duration of the load period and the duration of the succeeding off-load period corresponding to the length of one cycle of the subcarrier signal and wherein the ratio of the duration of the load period to the duration of the succeeding off-load period is modified such that the sum of the duration of the load period and the duration of the off-load period is kept constant and equal to the length of one cycle of the subcarrier signal.

8. (previously presented) An integrated circuit as claimed in claim 7, wherein the modification means are designed to increase the ratio of the duration of the load period to the duration of the succeeding off-load period if the item of comparison information indicates an item of energy information that has been detected that exceeds the preset item of energy information.

9. (previously presented) An integrated circuit as claimed in claim 7, wherein the modification means are designed for the stepless modification of the ratio of the duration of the load period to the duration of the succeeding off-load period.

10. (canceled)

11. (previously presented) An integrated circuit as claimed in claim 7, wherein, to detect the energy content of the antenna signal, the detection means are designed to determine the coil voltage arising between the first and second coil terminals.

12. (previously presented) An integrated circuit as claimed in claim 7, wherein, to detect the energy content of the antenna signal, the detecting means are designed to determine the bleed current through a regulator stage .

13 – 16. (canceled)

17. (previously presented) A data carrier as claimed in claim 1, wherein the modification means outputs an item of ratio information, which indicates the ratio of the load period to the off-load period, to the modulator means.

18 – 23. (canceled)